

Converting Colors

XYZ(52.0788, 56.3359, 62.8839)

Have a look what the booklet for
XYZ(52.0788, 56.3359, 62.8839)
contains.

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Color

**XYZ(52.0659, 56.2975,
62.7659)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC8C8
RGB	189, 200, 200
RGB Percent	74%, 78%, 78%
CMY	0.2588, 0.2157, 0.2157
CMYK	0.06, 0.00, 0.00, 0.22
HSL	180°, 9%, 76%
HSV	180°, 6%, 78%
XYZ	52.0659, 56.2975, 62.7659
YIQ	196.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

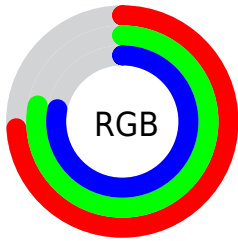
Format	Color
RYB	189, 195, 200
Decimal	12437704
CIELab	79.78, -3.75, -1.31
CIElCh	80, 3.967, 199.243
Yxy	56.2975, 0.3042, 0.3290
Android (android.graphics.Color)	4290627784 (0xFFBDC8C8)
YUV	196.7110, 1.6215, -6.7625
Hunter-Lab	75.0317, -7.4409, 2.9246

Details

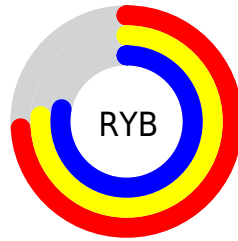
The XYZ color **52.0659, 56.2975, 62.7659** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2044, 52.3502, 55.5527**, and the grayscale version is **52.8914, 55.6458, 60.5983**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **25.6205, 27.8673, 31.2227** is the 20% darker color. If you saturate the color by 10%, you get **47.4426, 53.9157, 62.5472**, and if you desaturate by 10%, it is **57.3766, 59.0367, 63.0191**.

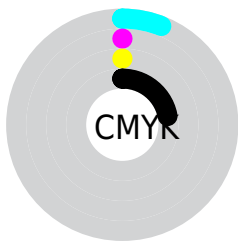
Distribution



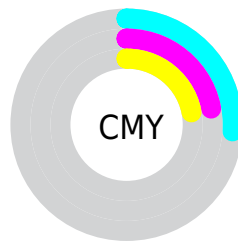
- Red (74%)
- Green (78%)
- Blue (78%)



- Red (74%)
- Yellow (76%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0659, 56.2975, 62.7659 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 52.0659, 56.2975, 62.7659 by changing the saturation by 10% instead.

■ 52.0659, 56.2975,
62.7659

■ 52.0659, 56.2975,
62.7659

385.0107,
410.8117, 452.8039

■ 37.2821, 40.4415,
45.2121

■ 92.4021, 99.4394,
110.4140

■ 25.6007, 27.8829,
31.2803

118.6851,
127.4941, 141.3454

■ 16.6562, 18.2374,
20.5522

149.5320,
160.3839, 177.5730

■ 10.0835, 11.1206,
12.6090

185.3080,
198.4930, 219.5154

■ 5.5170, 6.1480,
7.0323

226.3786,
242.2060, 267.5912

■ 2.5915, 2.9353,
3.4036

273.1089,

■ 0.9416, 1.0980,

291.9071, 322.2188

1.3042

325.8646,
347.9809, 383.8169

■ 0.0000, 0.0000,
0.0652

■ 0.0000, 0.0000,
0.0000

■ 52.0659, 56.2975,
62.7659

■ 52.0659, 56.2975,
62.7659

■ 47.4426, 53.9157,
62.5472

■ 57.3766, 59.0367,
63.0191

■ 43.4740, 51.8700,
62.3580

■ 63.3961, 62.1398,
63.3043

■ 40.1321, 50.1472,
62.1981

■ 70.1508, 65.6220,
63.6239

■ 37.3848, 48.7310,
62.0660

■ 72.3235, 66.7419,
63.7291

■ 35.1972, 47.6033,
61.9601

■ 72.3242, 66.7422,
63.7327

■ 33.5310, 46.7444,
61.8786

■ 72.3248, 66.7425,
63.7362

■ 32.3427, 46.1319,
61.8195

■ 72.3255, 66.7427,
63.7398

■ 31.5821, 45.7399,
61.7804

■ 72.3262, 66.7430,
63.7433

■ 31.1874, 45.5365,
61.7584

■ 72.3269, 66.7433,
63.7468

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.0079, 56.2975, 60.4775



52.0659, 56.2975, 62.7659



52.5083, 56.2975, 64.7060

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.0659, 56.2975, 62.7659



54.6861, 56.2975, 64.2280



53.7975, 56.2975, 57.0600

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52.0659, 56.2975, 62.7659



51.2044, 52.3502, 55.5527

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.5225, 56.2975, 58.0126



52.0659, 56.2975, 62.7659



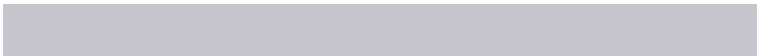
55.0389, 56.2975, 62.1267

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.0659, 56.2975, 62.7659



54.0191, 56.2975, 65.5646



54.9787, 56.2975, 59.8540



53.0023, 56.2975, 57.2214

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.0659, 56.2975, 62.7659



52.9643, 56.2975, 65.5228



54.9787, 56.2975, 59.8540



54.0576, 56.2975, 57.2596

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52.0675, 56.2999, 62.7671



93.1983, 99.0454, 108.8121



50.8730, 55.8274, 56.2395



19.9677, 21.2098, 23.2912



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.0675, 56.2999, 62.7671



88.7843, 96.7700, 108.6025



50.8575, 53.8793, 62.3656



11.1414, 12.1680, 13.6783



19.7573, 28.9153, 39.2622



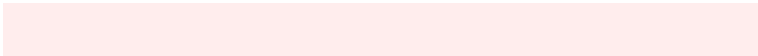
0.9356, 1.3692, 1.8593

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51.2044, 52.3502, 55.5527



86.8764, 88.0388, 92.6540



52.3692, 54.6802, 55.9393



10.8882, 11.0089, 11.5612



15.1455, 7.8078, 0.7101



0.7172, 0.3697, 0.0339

Previews

White Background



This preview shows how the XYZ color 52.0659, 56.2975, 62.7659 looks on a white background.

Color Contrast Check

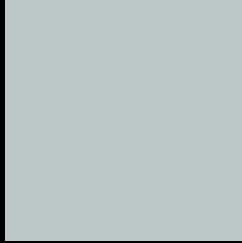
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 52.0659, 56.2975, 62.7659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

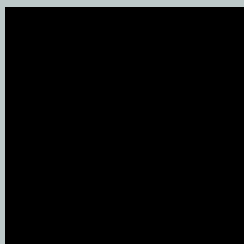
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

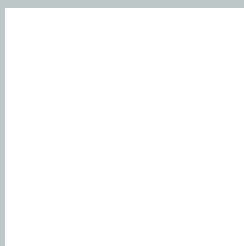
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0659, 56.2975, 62.7659

Background



This preview shows how black text looks on a background with the XYZ color 52.0659, 56.2975, 62.7659.

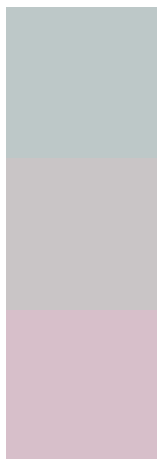


This preview shows how white text looks on a background with the XYZ color 52.0659, 56.2975,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.0659, 56.2975, 62.7659

Protanopia

54.2467, 56.4272, 61.4585

Deuteranopia

57.3158, 55.9729, 63.6601



Tritanopia

53.8175, 56.3196, 71.6526

Trichromacy



Original Color

52.0659, 56.2975, 62.7659

Protanomaly

53.5288, 56.3820, 62.0944

Deuteranomaly

55.2880, 55.9224, 63.1385

Tritanomaly

53.1673, 56.3974, 68.4052

Monochromacy



Original Color

52.0659, 56.2975, 62.7659

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.6353, 55.9347, 61.4484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0659, 56.2975, 62.7659 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 200, 200)` looks like.

```
.text, #text, p{  
    color:rgb(189, 200, 200)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 200, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 200, 200) }
```

Border

The CSS property to change the border of an element to XYZ 52.0659, 56.2975, 62.7659 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 200, 200) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(189, 200, 200) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(189, 200, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 200, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 200, 200);  
box-shadow:4px 4px 4px 4px rgb(189, 200,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0659, 56.2975, 62.7659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 200, 200) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189,  
200, 200) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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